

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: JIANG et al DOCKET NO.: NP-0010
SERIAL NO.: 09/963,727 EXAMINER: Daniel J. Petkovsek
FILED: September 26, 2001 ART UNIT: 2874

TITLE: Method of Fusion Splicing Silica Fiber with Low-Temperature Multi-Component Glass Fiber

Commissioner for Patents Eric A. Gifford
P.O. Box 1450 9030 S. Rita Road, Suite 120
Alexandria, VA Tucson, Arizona 85747
22313-1450

CERTIFICATE OF MAILING

I hereby certify that on this 8th day of August, 2003, this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, DC 20231.

By: Dawn Ebertowski
Dawn Ebertowski

TO THE COMMISSIONER FOR PATENTS

DECLARATION BY Shibin Jiang UNDER 37 CFR 1.131

I, Shibin Jiang, hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. I further declare that I have full knowledge and understanding of the fact that willful false statements and the like made herein are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that any such statements may jeopardize the validity of the above-referenced application or of any patent granted on it.

1. I am a joint inventor and applicant with Jiafu Wang in the U.S. application captioned above.
2. The invention is directed at finding a suitable technique for fusion splicing low temperature

multi-component glass fiber with silica fiber.

3. I cofounded NP Photonics, Inc. in 1998 and became a full-time employee on January 1, 2001. NP Photonics is in the business of developing and commercializing compact EDFA's, fiber lasers and other optical components that could benefit from such a technique.
4. Jiafu Wang was offered employment with NP Photonics in November 2000 at which time I discussed my ideas for fusion splicing a low-temperature multi-component glass fiber with a silica fiber.
5. Jiafu Wang began employment with NP Photonics on January 2, 2001.
6. We further discussed and then tested the idea of asymmetrically heating the fibers to form a fusion splice. Exhibit A is a copy of pp. 80-91 of Jiafu Wang's laboratory notebook covering the time period of January 9, 2001 until January 16, 2001. The first lab experiment demonstrating the idea was made and recorded on page 87 on or before January 16, 2001.
7. On January 31, 2001 we filed an invention disclosure form (attached as Exhibit B) memorializing our invention.
8. This invention was conceived and all of the work done to reduce it to practice as memorialized in U.S. application captioned above was performed in the United States.

By: Shibin Jiang Dated: Aug. 5, 2003
Shibin Jiang

Exhibit C

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By: Ji Wang Dated: 8-5-2003
Jiafu Wang